## (19) World Intellectual Property Organization International Bureau





(43) International Publication Date 9 September 2005 (09.09.2005)

**PCT** 

# (10) International Publication Number WO 2005/082180 A3

(51) International Patent Classification<sup>7</sup>:

A24D 1/02

(21) International Application Number:

PCT/GB2005/000669

(22) International Filing Date:

28 February 2005 (28.02.2005)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0404324.6

27 February 2004 (27.02.2004)

- (71) Applicant (for all designated States except US): BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED [GB/GB]; Globe House, 1 Water Street, London WC2R 3LA (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): SAMPSON, John, Roger [GB/GB]; British American Tobacco R & D Centre, Regents Park Road, Southampton SO15 8TL (GB). OLIVER, Richard [GB/GB]; British American Tobacco R & D Centre, Regents Park Road, Southampton SO15 8TL (GB). GRIERSON, Gordon, Rowatt [GB/GB]; British American Tobacco R & D Centre, Regents Park Road, Southampton SO15 8TL (GB). WOODCOCK, Domonic [GB/GB]; British American Tobacco R & D Centre, Regents Park Road, Southampton SO15 8TL (GB).
- (74) Agent: PATENTS DEPARTMENT; British American Tobacco R & D Centre, Regents Park Road, Southampton SO15 8TL (GB).

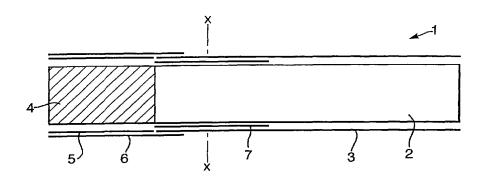
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

#### **Declarations under Rule 4.17:**

as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM,

[Continued on next page]

(54) Title: SMOKING ARTICLE AND APPARATUS AND PROCESS FOR MANUFACTURING A SMOKING ARTICLE



(57) Abstract: A smoking article, and a method and apparatus for producing a smoking article, in which a web material containing an adsorbent material such as activated carbon and a stabilised flavourant such as menthol is positioned adjacent an interior surface of a cigarette wrapper to deliver flavour to a smoker with minimal/insignificant migration of flavour to other parts of the smoking article or packaging. The web material may be a section that extends over only a portion of the smoking article to deliver flavour to a smoker at a specific point during smoking and if positioned at the mouth end of a smoking article will be able to deliver a flavour sensation in the final puff(s).

2005/082180 A3 ||||||||||||||||

#### 

AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations
- of inventorship (Rule 4.17(iv)) for US only

### **Published:**

with international search report

## (88) Date of publication of the international search report: 2 February 2006

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.